



# New Jersey Private Well Testing Act Primary and Secondary Drinking Water Standards

## Primary Standards

## Secondary Standards

(Primarily Aesthetics)

Volatile Organic Compound	MCL	Units	Inorganic Compound	MCL	Units	Secondaries	Standard <sup>s</sup>	Units
Benzene	1	µg/l	Arsenic	50	µg/l	pH	"6.5-8.5	Optimum Range
Carbon Tetrachloride	2	µg/l	Lead	10*	µg/l	Iron	0.3	mg/l
meta-Dichlorobenzene	600	µg/l	Mercury	2	µg/l	Manganese	0.05	mg/l
ortho-Dichlorobenzene	600	µg/l	Nitrates	10,000	µg/l			
para-Dichlorobenzene	75	µg/l						
1,1-Dichloroethane	50	µg/l						
1,2-Dichloroethane	2	µg/l	<b>Microbiological MCL Units</b>					
1,1-Dichloroethylene	2	µg/l	<b>Compounds</b>					
cis -1,2-Dichloroethylene	70	µg/l	Total Coliform	0	pres/abs			
trans -1,2-Dichloroethylene	100	µg/l	Fecal Coliform**	0	pres/abs			
1,2-Dichloropropane	5	µg/l	E. coli**	0	pres/abs	<b>UNITS:</b>		
Ethylbenzene	700	µg/l				ug/l=micrograms/liter (ppb)		
Methyl tertiary butyl ether	70	µg/l				mg/l=milligrams/liter (ppm)		
Methylene Chloride	3	µg/l	<b>Radiological MCL Units</b>			pCi/L=picocuries/liter		
Monochlorobenzene	50	µg/l	<b>Compounds~</b>			pres/absence=presence or absence		
Naphthalene	300	µg/l	Gross Alpha (initial)	5^	pCi/L			
Styrene	100	µg/l	Gross Alpha (final)	15	pCi/L			
1,1,2,2-Tetrachloroethane	1	µg/l						
Tetrachloroethylene	1	µg/l						
Toluene	1,000	µg/l						
1,2,4-Trichlorobenzene	9	µg/l	\$ Standard means Recommended Upper Limit					
1,1,1-Trichloroethane	30	µg/l	^ Effective January 23, 2006 the MCL for Arsenic will become 10					
1,1,2-Trichloroethane	3	µg/l	* Ground Water Quality Standard NJAC 7:9-6					
Trichloroethylene	1	µg/l	" Denotes the Upper Limit or Optimum Range for pH					
Vinyl Chloride	2	µg/l	** Either one is required if Total Coliform is present					
Xylenes (Total)	1,000	µg/l	^ Greater than 5 pCi/L requires a second gross alpha count; the MCL for gross alpha is 15					
			~ Gross alpha particle testing is phased in over time based on county location of well.					
			The effective dates are: 3/15/03 for Cum & Glo Counties, 9/16/03 for Atl, Bur, Cam & Sal Counties, and 3/16/04 for Cape May, Hun, Mid, Mer, Mon, Mor, & Oce Counties					